

111-40-10070-2009 TRIBUTARY 1**ADDITION****Water body name:****Survey date:** 10/22/2013**Water body number:****Species & Lifestage:****Watershed:** Mendenhall River-Frontal Gastineau Channel**MTR:** C040S066E **Quad:** Juneau B-2

Findings: I surveyed this uncataloged tributary to stream 111-40-10070-2009 using an electrofisher unit and a GPS (Table 1). The tributary branches, but did not capture any coho salmon after tributary branched (Figure 1 and 2). The end survey for river right branch at a 3' drop and river left at an outlet of a culvert.

Recommendations: Add stream to AWC.

Table 1.—111-40-10070-2009 tributary 1 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 165 | 58.3618 | -134.5078 | Tributary entering river left. | | |
| 174 | 58.3620 | -134.5075 | | EF | 2 CO, 1 DV |
| 175 | 58.3621 | -134.5077 | Board walk crosses stream here. | EF | 1 CO |
| 176 | 58.3622 | -134.5078 | | EF | 2 CO |
| 177 | 58.3623 | -134.5083 | | EF | 1 CO |
| 178 | 58.3623 | -134.5084 | Tributary entering on river left. Will come back to. | | |
| 179 | 58.3624 | -134.5086 | A falls here, substrate is orange colored. | EF | 2 DV |
| 180 | 58.3623 | -134.5095 | Culvert here have EF since falls and have not seen anything so stopping. | EF | No fish |
| 181 | 58.3626 | -134.5085 | Water coming out of a cave, has a falls in the back. Believe drop of falls to be a barrier, but will shock above to see. | EF | No fish |
| 182 | 58.3626 | -134.5088 | Have EF several places after cave falls and have gotten nothing. So will be stopping here. | EF | No fish |



Figure 1.-Juvenile coho salmon.



Figure 2.-Tributary stream channel.

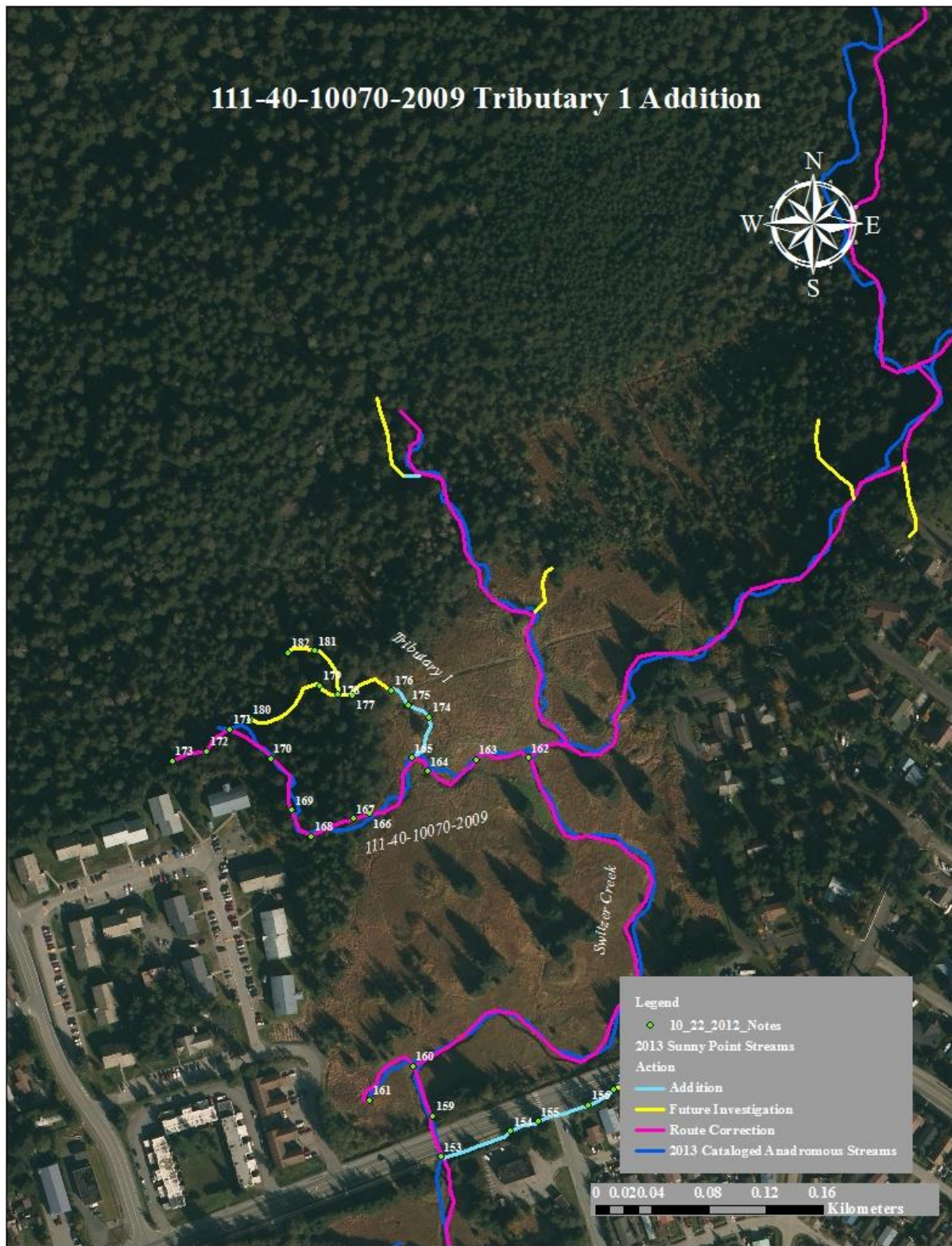


Figure 3.—111-40-10070-2009 tributary 1 addition map.